



NOAA Teacher at Sea
Karolyn Braun
Onboard NOAA Ship KA'IMIMOANA
October 6 – 28, 2006

NOAA Teacher at Sea: Karolyn Braun
NOAA Ship KA'IMIMOANA
Mission: TAO Buoy Array Maintenance
Tuesday, October 17, 2006

Plan of the Day

Transit
TAO buoy painting

Today started our first of a three-day transit to latitude 170W. In the morning I did some knot tying and research on the theory of active fluorescence. I will be assisting Eric from the Monterey Bay Aquarium on testing the water samples we have been collecting from the past CTDs using an Active Fluorometer. Active fluorescence methods utilize the relationship between chlorophyll fluorescence and photosynthesis. I will go into more detail tomorrow.



TAS Braun paints one of the TAO buoys to ready it for deployment.

I painted the TAO buoys in the afternoon to get them ready for deployment on our next line. I was able to paint all the orange before the rain came but will have to paint the white tomorrow. The weather couldn't figure out what it wanted to do. One minute the sun was blazing hot the next it was overcast the next raining then back to the sun again. I drank a lot of water but felt really dehydrated, so no work out today. I am going to drink plenty of water and go to bed early.